

10/549587

JC20 Rec'd PTO 13 SEP 2005

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicants:** Katsutoshi TAKAHASHI, et al.      **Examiner:** Unassigned  
**Serial No.:** Unassigned      **Art Unit:** Unassigned  
**Filed:** Herewith      **Docket:** 19162  
**For:** MASS SPECTROMETRY SYSTEM  
AND METHOD FOR ANALYSIS  
**Dated:** September 13, 2005

Mailstop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 C.F.R §§1.97 and 1.98, it is requested that the following references, which are also listed on the attached Form PTO-1449, be made of record in the above-identified case.

1. Japanese Patent Application Laid-Open No. 05-164741, dated June 29, 1993;
2. Specification of Japanese Patent No. 2572397, dated October 24, 1996, corresponding to U.S. Patent 4,705,616, dated November 10, 1987 to Anderson et al.;
3. Japanese Patent Application Laid-Open No. 2001-281222, dated October 10, 2001;

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

Express Mail Mailing Label Number: EV 717621422US  
Date of Deposit: September 13, 2005

I hereby certify that this correspondence is being deposited with the United States Postal Service Express Mail Post Office to Addressee service under 37 C.F.R. §1.10 on the date indicated above and is addressed to the Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  
Dated: September 13, 2005

*[Signature]*  
Paul J. Esatto, Jr.

4. Japanese Patent Application Laid-Open No. 2001-264297, dated September 26, 2001, together with English-language Abstract;
5. Kazuhiko Fukui, et al., "ESI-FTICR MS With Infrared Multiphoton Dissociation: Analysis of Fragmentation of Peptides", Proceedings of the 50<sup>th</sup> ASMS Conference on Mass Spectrometry and Allied Topics, June 2002;
6. International Patent Publication No. WO 02/068952 A1, dated September 6, 2002;
7. International Patent Publication No. WO 99/15321, dated March 23, 2000;
8. International Patent Publication No. WO 01/02093 A2, dated January 11, 2001;
9. Japanese Patent Publication No. 2002-311007, dated October 23, 2002, together with English-language Abstract;
10. Japanese Patent Publication No. 63-318061, dated December 26, 1988, together with English-language Abstract;
11. Japanese Patent Publication No. 2002-365177, dated December 18, 2002, together with English-language Abstract;
12. Japanese Patent Publication No. 11-064283, dated March 5, 1999, together with English-language Abstract; and
13. International Patent Publication No. WO 03/044519 A1, dated May 30, 2003.

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Reference Nos. 1-3 were cited in Applicants' specification, and Reference Nos. 4-13 were cited in an International Search Report. Applicants are submitting copies of the above-cited references, together with a copy of the Search Report. The relevance of the above-identified references has been described both in the specification and in the Search Report, respectively.

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. § 1.97(b), no statement or fee is required.

Respectfully submitted,



Paul J. Esatto, Jr.  
Registration No. 30,749

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**INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

ATTY DOCKET NO.

19162

APPLICATION NO.

10/549587

APPLICANT(S)

Katsutoshi TAKAHASHI et al.

FILING DATE

Herewith

GROUP ART UNIT

Unassigned

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**U.S. PATENT APPLICATION PUBLICATIONS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,705,616	11/10/87	Anderson et al.			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	05-164741	6/29/93	Japan				
	2572397	10/24/96	Japan			✓	
	2001-281222	10/10/01	Japan				
	2001-264297	9/26/01	Japan			✓	
	WO 02/068952 A1	9/6/02	PCT				

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

			Kazuhiko Fukui, et al., "ESI-FTICR MS With Infrared Multiphoton Dissociation: Analysis of Fragmentation of Peptides", Proceedings of the 50th ASMS Conference on Mass Spectrometry and Allied Topics, June 2002

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. 19162		APPLICATION NO. <b>107549587</b> Unassigned	
				APPLICANT(S) Katsutoshi TAKAHARA, et al		PCT/PTO 13 SEP 2005	
FILING DATE Herewith				GROUP ART UNIT Unassigned			

  

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

  

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

  

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		WO 99/15321	3/23/00	PCT				
		WO 01/02093 A2	1/11/01	PCT				
		2002-311007	10/23/02	Japan			✓	
		63-318061	12/26/88	Japan			✓	
		2002-365177	12/18/02	Japan			✓	

  

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			

  

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**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	11-064283	3/5/99	Japan			✓	
	WO 03/044519A1	5/30/03	PCT				

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


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